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m: LCARPENTER
MODIS.DATA.TEAM
bj: MODIS SDST Minutes 01/24/92

DDIS Science Data Support Team (SDST) Meeting Minutes 01/24/92

TENDEES: Lloyd Carpenter RDC 982-3708
Al Fleig 900 286-7747
Harold Geller MCST/RDC 982-3740
Tom Goff RDC 982-3704
Liam Gumley RDC 982-3748
Lou Kouvaris Hughes 464-7365
Ed Masuoka 920 286-7608
Jim Ormsby 974 286-6811
Wil Webster 920.2 286-4506

XT MEETING: Date Time Building Room

Friday, January 31 10:00 am 22 G95

PICS:

SDST SCHEDULE: The MODIS SDST needs a good, reasonable
edule showing the sequence of tasks which must be completed in
er to deliver working operational software in accordance with
EOS plan. Realistic and defensible estimates of time and
ource requirements for each task are needed, especially for
ments along the critical path.

e magnitude of the task for integration and testing of Team
mber algorithms will be strongly dependent upon the complexity,
lity and unique computer environment dependencies of the input
tware (including required data sets). For this work, it may
elpful to have two scheduled time-lines, depending on the
ut.

MODIS AIRBORNE SIMULATOR(MAS): Liam Gumley gave a status
ort on the MAS data processing, distribution, and software
elopment. MAS Level-1B data in netCDF files on an Exabyte
e generated on LTP VAX system are not accepted by the Silicon
phics Iris in Code 913, because of an 'ANSI' label placed at
beginning of the tape by the VAX, and because the Iris swaps
order of every pair of bytes read from tape. Work-around
utions are in progress. In the mean time, Ed Masuoka is going
ad with installing an Exabyte drive on the LTP Iris, so the
CDF files can be generated on an Iris.

rogram is being designed to automatically identify straight-
flight-track segments of the MAS data sets, based upon
mination of the INS data. This is being done in the spirit of
eloping a MAS processing system which requires no user

ervention.

nsideration is also being given to concerns about changes in
tem sensitivity, and induced coherent noise.

mley also provided schedule and logistics information on the
AS Atlantic Stratocumulus Transition Experiment (ASTEX)
loyment scheduled for June 1992.

SCIENCE CODE PORTING: Tom Goff reported that the anonymous
account on the LTPIris2 computer has been updated to a group
nership for MODIS users.

the science code porting test from the IBM to the Iris, four
he five binary data sets have been successfully transferred
he Iris in native floating point format. The fifth binary
contains mixed integer and floating point data, which will
uire special treatment.

MODIS-N DATA VOLUME ESTIMATES: Lloyd Carpenter presented a
rected year-by-year estimate of MODIS-N data volumes based
n initial launches for the two series in June, 1998 and
cember, 2000 respectively.

MODIS SDST FY 1992 WORK PLAN: The draft version of the MODIS
ST FY 1992 Work Plan (prior week's handout) was discussed at
gth.

TION ITEMS:

30/91 [Lloyd Carpenter and Team]: Draft a schedule of work
the next 12 months. Include primary events and milestones,
uments to be produced, software development, MAS support, etc.
ATUS: Open. Due date 09/27/91.

06/91 [Liam Gumley]: Investigate a cataloguing scheme for the
AS data. Consider the Master Catalogue, PLDS and PCDS. STATUS:
en. Due date 02/14/92.

06/91 [Liam Gumley, Tom Goff, Ed Masuoka]: Develop a plan for
ing and distributing MAS data. STATUS: Open. Due date
14/92.

03/92 [Ed Masuoka]: Check on the UCAR "copyright" as a first
in standardizing an SDST software copyright statement for
le sharing. Check with legal. (Legal is developing the
ement.) STATUS: Open. Due date 02/14/92.

03/92 [Team]: Check on the set of software engineering tools
ilable in Code 530 to see if any of these would be of use to
SDST. STATUS: Open. Due date 02/14/92.

17/92 [Tom Goff]: Have a polished version (with peer review)

he file dump routine ready for the MODIS Science Team
eting. STATUS: Open. Due date 04/01/92.